

1723
07/10/03
U.S. PTO

Please type a plus sign (+) inside this box

+

PTO/SB/05 (2/98)

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	33354	July 10, 2003
First Inventor or Application Identifier		Mark A. Moehring
Title	DOPPLER ULTRASOUND METHOD AND APPARATUS FOR MONITORING BLOOD FLOW AND HEMODYNAMICS	
Express Mail Label No.	EL 872100209 US	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Sheet (+ copy)
(Submit an original and a duplicate for fee processing)

2. Applicant(s) Claim(s) Small Entity Status

3. Specification [Total Pages] **35**
(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 USC 113) [Total Sheets] **12**

5. Oath or Declaration [Total Pages]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

6. Application Data Sheet (37 C.F.R. 1.76)

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer-Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Certification Under 35 U.S.C. 122(b)(2)(B)(i)

10. Assignment Papers (cover sheet & document(s))

11. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney

12. English Translation Document (if applicable)

13. Preliminary Amendment Total Pages _____

14. Return Receipt Postcard

15. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

16. Certified Copy of Priority Document(s) (if foreign priority is claimed)

17. Other: Certificate of Express Mail _____

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment

Continuation Divisional Continuation-In-Part (CIP) of prior Application No. _____ Filed _____

Prior application information: Examiner _____ Group / Art Unit _____

 Incorporation By Reference (useable if box 5b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

CORRESPONDENCE ADDRESS

Kimton N. Eng, Esq.
Dorsey & Whitney LLP
1420 Fifth Avenue, Suite 3400
Seattle, Washington 98101-4010
(206) 903-8800 phone / (206) 903-8820 fax

Customer No. 27,076TYPED or PRINTED NAME Kimton N. EngREGISTRATION NO. 43,605SIGNATURE Kimton N. EngDate July 10, 2003

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Mark A. Moehring,
Joe Farnsworth, Ajay Zachariah
and Henry Baron

Attorney Docket No.: 33354

Filed : July 10, 2003

Title : DOPPLER ULTRASOUND METHOD AND APPARATUS FOR MONITORING
BLOOD FLOW AND HEMODYNAMICS

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

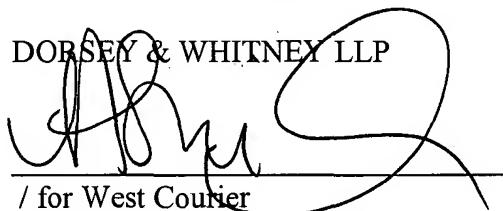
MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 872100209 US, on July 10, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

DORSEY & WHITNEY LLP


/ for West Courier

KNE:asw

Enclosures:

Postcard
PTO/SB/05 Utility Patent Application Transmittal
Specification, Claims, Abstract (35 pages)
12 Sheets of Drawings (Figures 1A-15)

33354 cert of express mail.doc